Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM063016\
Data File : BM006159.D
Acq On : 30 Jun 2016 14:22
Operator : UM/SJ
Sample : H3777-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YC9

Manual Integrations APPROVED
sohil
7/1/2016 7:15:17 PM

Quant Time: Jun 30 16:42:48 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	241903	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1173954	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	636369	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1131767	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	923550	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1060745	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	7879	1.51	ng/uL	0.00
3) Phenol-d5	6.83	99	447432	22.64	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	267629	22.97	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	339930	22.41	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	363144	22.83	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	170854	21.61	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	191632	21.18	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	351164	21.27	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	260248	19.94	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1005409	22.04	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1243731	22.47	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	162863	18.82	ng/ul	0.00
21) Fluorene-d10	15.30	176	815366	20.95	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	87477	21.82	ng/ul	0.00
26) Anthracene-d10	17.15	188	1050020	23.13	ng/ul	0.00
30) Pyrene-d10	19.46	212	923105	24.82	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	956774	22.67	ng/ul	0.01
Target Compounds						Qvalue
25) Phenanthrene	17.10	178	914362	17.07	ng/ul	99
27) Anthracene	17.19	178	189184	3.44	ng/ul	99
28) Fluoranthene	19.12	202	2080415	31.72	ng/ul	98
31) Pyrene	19.49	202	1550898	31.84	ng/ul	95
32) Benzo(a)anthracene	21.24	228	823826	17.15	ng/ul	99
33) Chrysene	21.29	228	799387	18.08	ng/ul	98
35) Benzo(b)fluoranthene	22.81	252	1041841	18.93	ng/ul	98
36) Benzo(k)fluoranthene	22.85	252	315118m	6.10	ng/ul	
38) Benzo(a)pyrene	23.37	252	609847	11.73	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.70	276	478064	8.84	ng/ul#	91
40) Dibenzo(a,h)anthracene	25.70	278	131828	2.95	ng/ul#	87
41) Benzo(g,h,i)perylene	26.38	276	474909	10.49	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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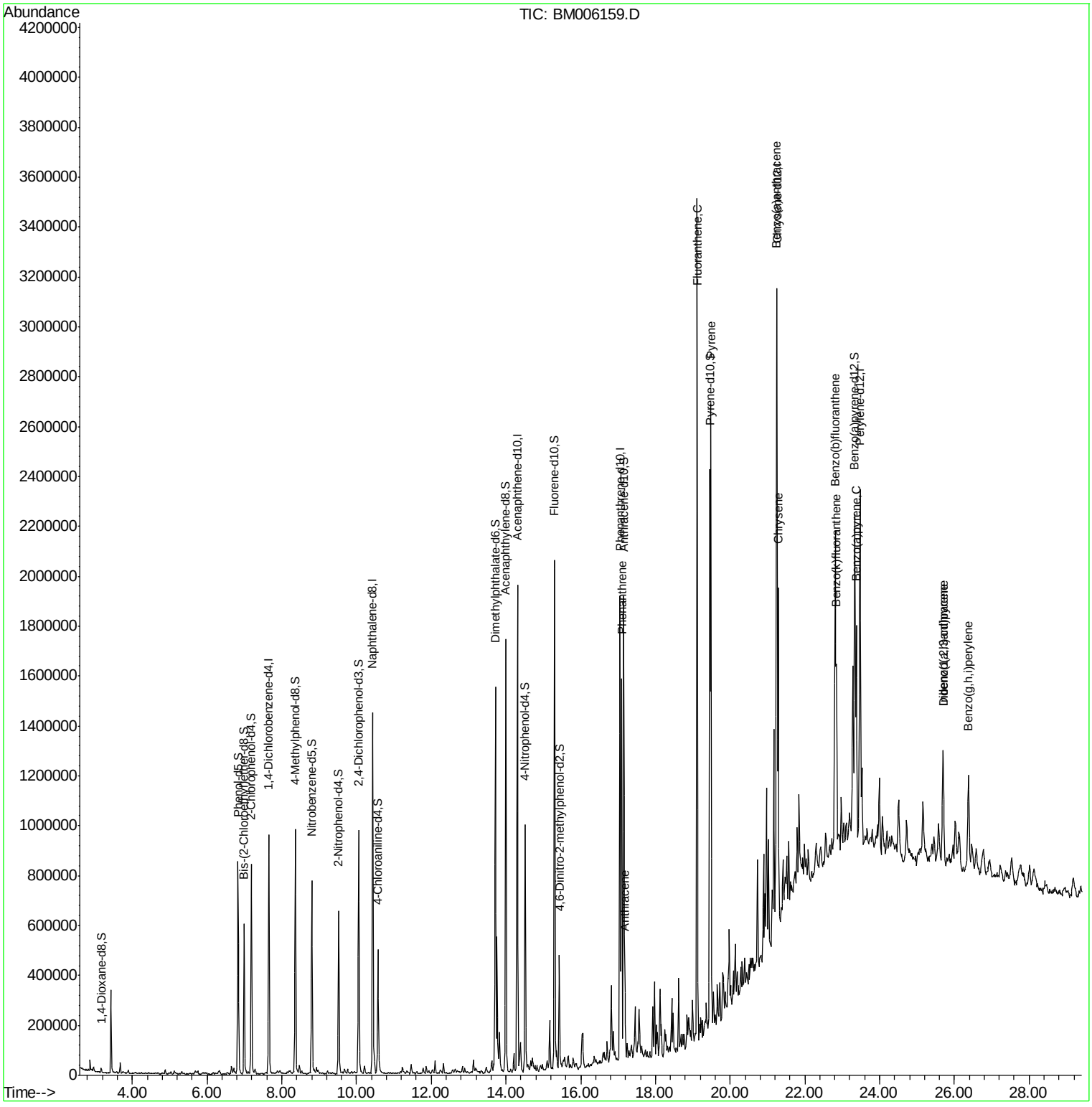
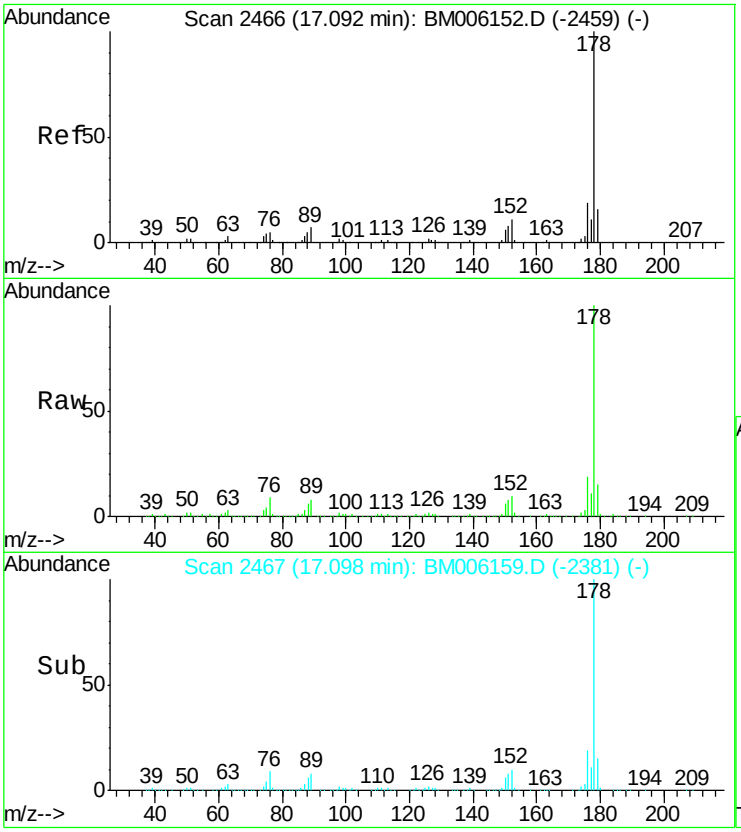
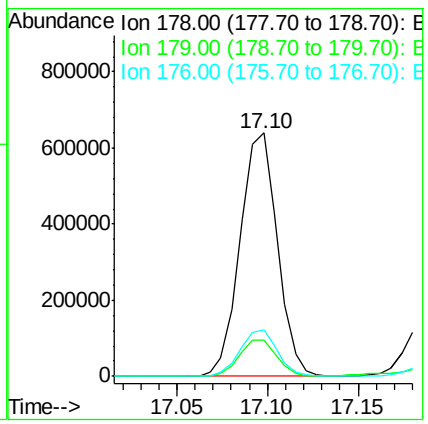




#25
Phenanthrene
Concen: 17.07 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BM006159.D
Acq: 30 Jun 2016 14:22

Tgt Ion:178 Resp: 914362

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.2
176	19.0	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
D9YC9

Manual Integrations APPROVED
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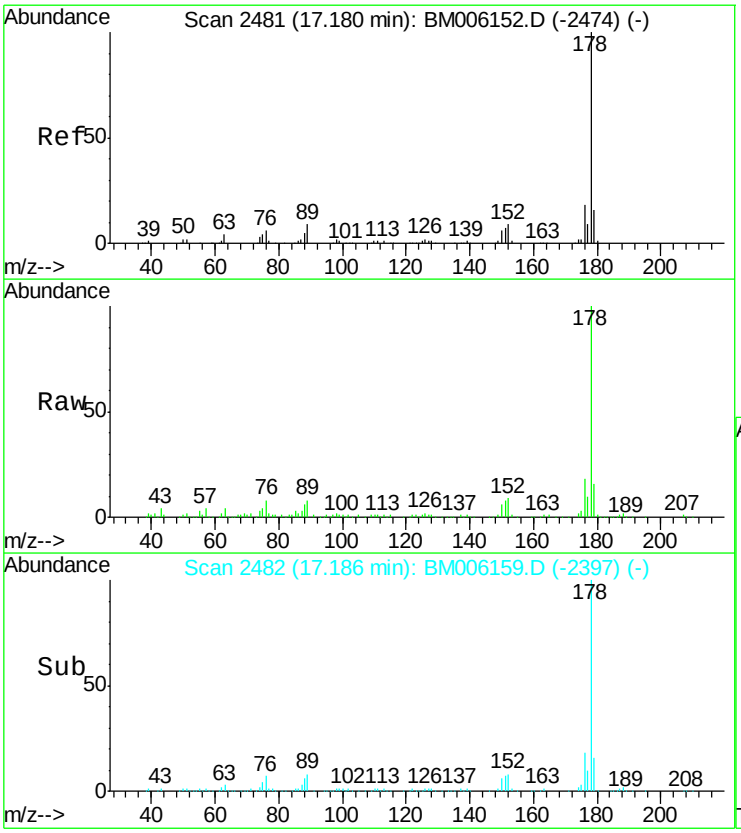
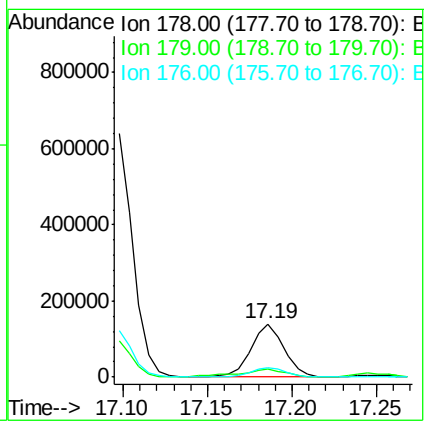
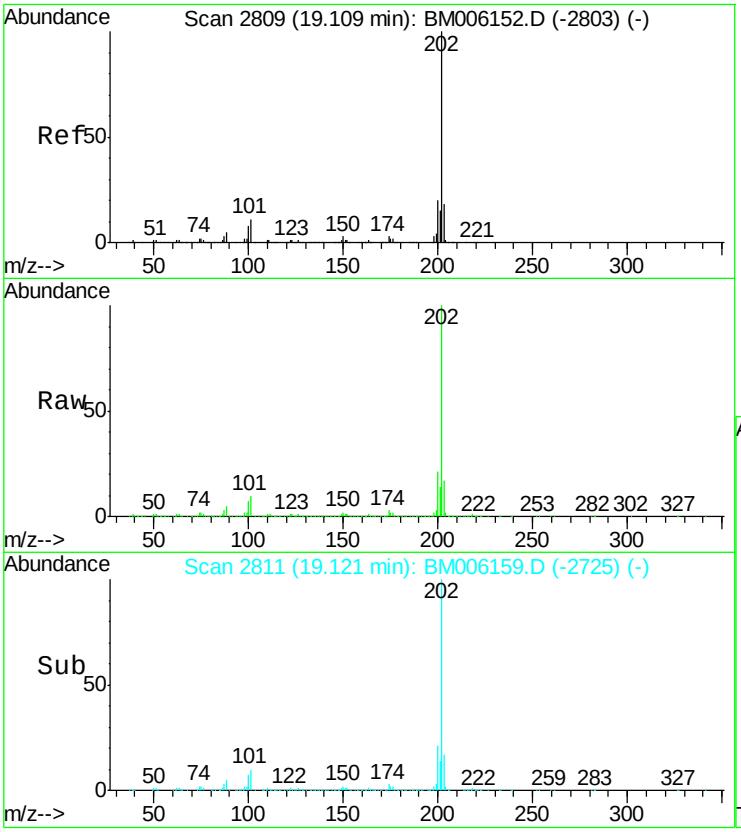


#27
Anthracene
Concen: 3.44 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BM006159.D
Acq: 30 Jun 2016 14:22

Tgt Ion:178 Resp: 189184

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.3	14.6	22.0

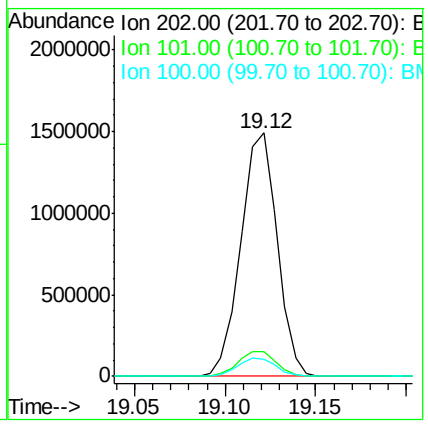




#28
Fluoranthene
Concen: 31.72 ng/ul
RT: 19.12 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BM006159.D
Acq: 30 Jun 2016 14:22

Tgt Ion:202 Resp: 2080415

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.5	12.7
100	7.2	6.5	9.7



Instrument :
BNA_M
ClientSampleId :
D9YC9

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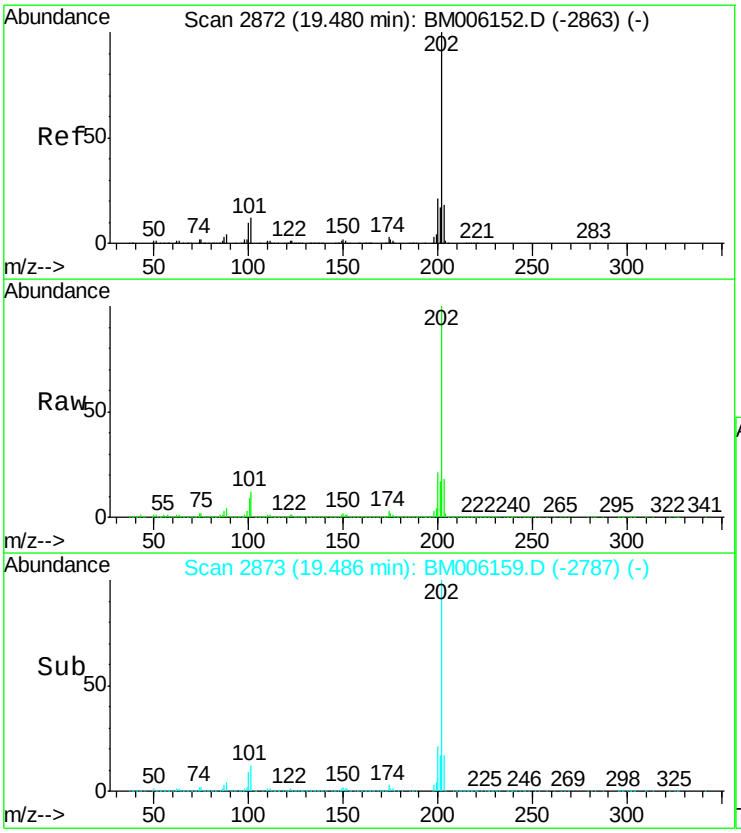
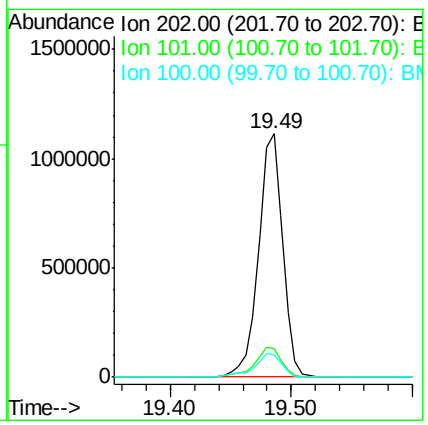
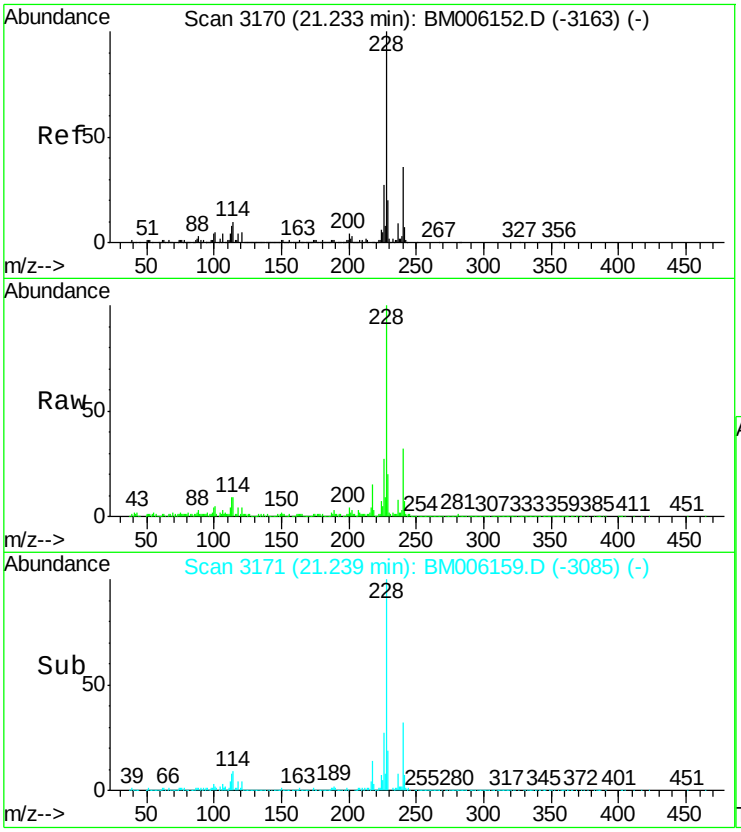


#31
Pyrene
Concen: 31.84 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. 0.01 min
Lab File: BM006159.D
Acq: 30 Jun 2016 14:22

Tgt Ion:202 Resp: 1550898

Ion	Ratio	Lower	Upper
202	100		
101	11.8	11.0	16.4
100	9.2	8.9	13.3

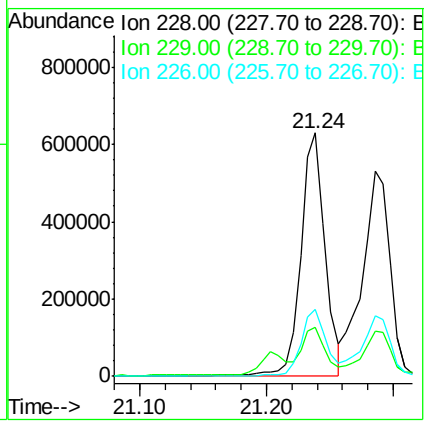




#32
Benzo(a)anthracene
Concen: 17.15 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. 0.01 min
Lab File: BM006159.D
Acq: 30 Jun 2016 14:22

Tgt Ion:228 Resp: 823826

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.6	23.4
226	27.5	21.6	32.4



Instrument :
BNA_M
ClientSampleId :
D9YC9

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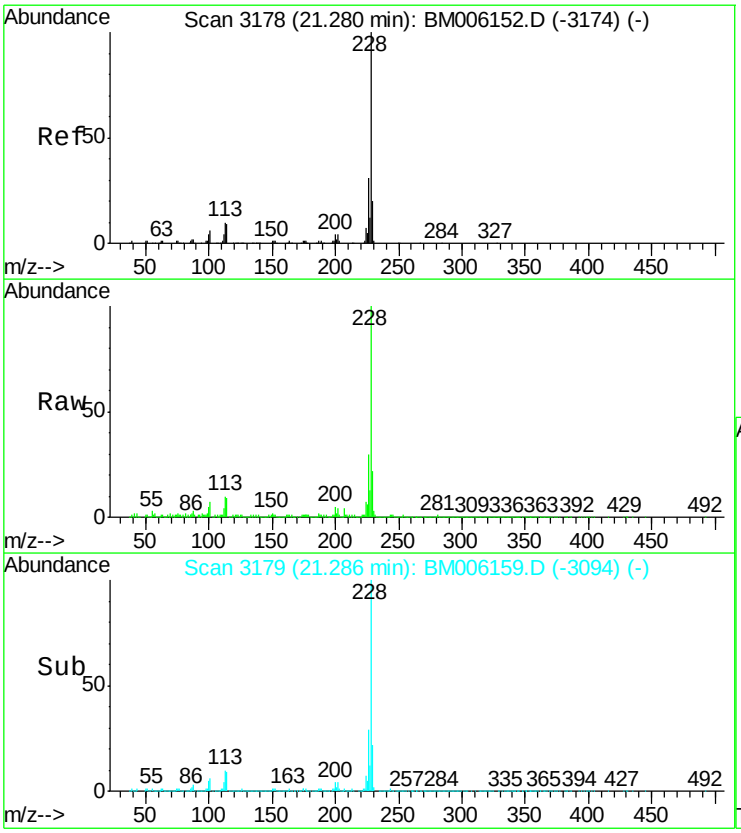
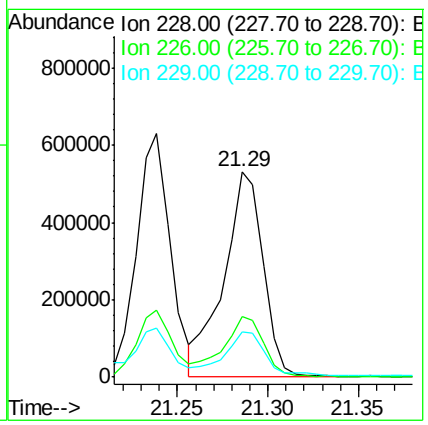
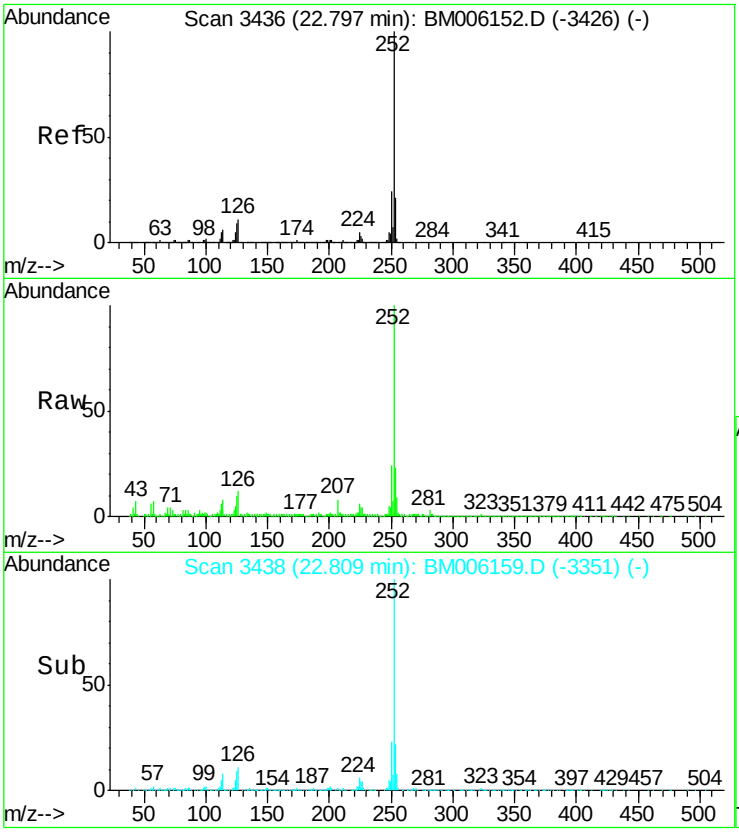


#33
Chrysene
Concen: 18.08 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BM006159.D
Acq: 30 Jun 2016 14:22

Tgt Ion:228 Resp: 799387

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	22.3	15.8	23.6

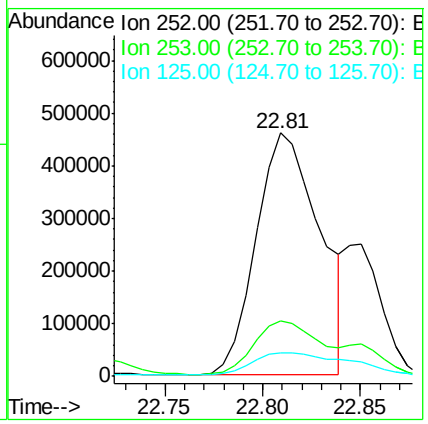




#35
Benzo(b)fluoranthene
Concen: 18.93 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. 0.01 min
Lab File: BM006159.D
Acq: 30 Jun 2016 14:22

Tgt Ion:252 Resp: 1041841

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	9.6	7.8	11.6



Instrument :
BNA_M
ClientSampleId :
D9YC9

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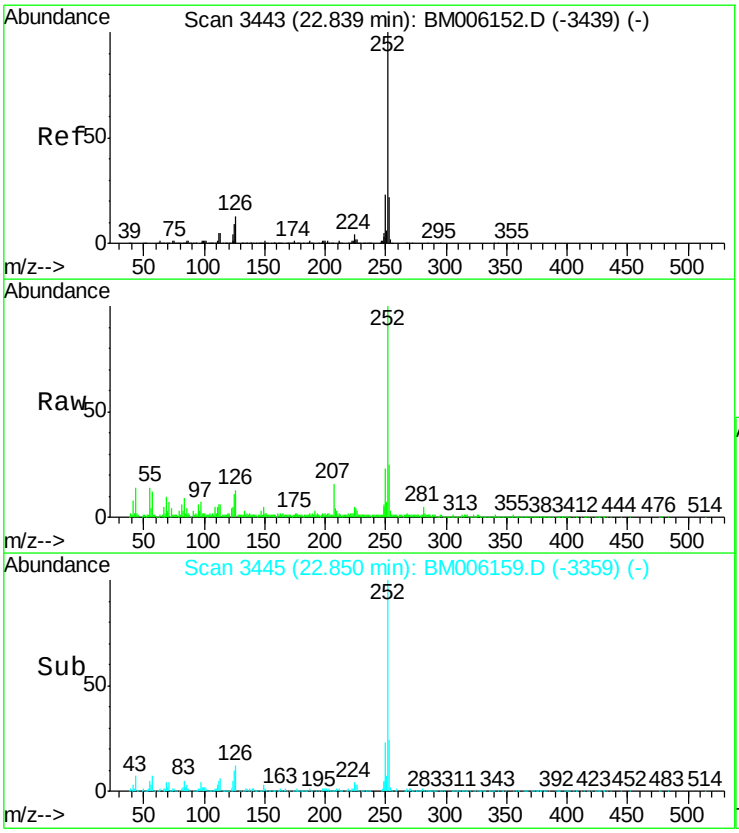
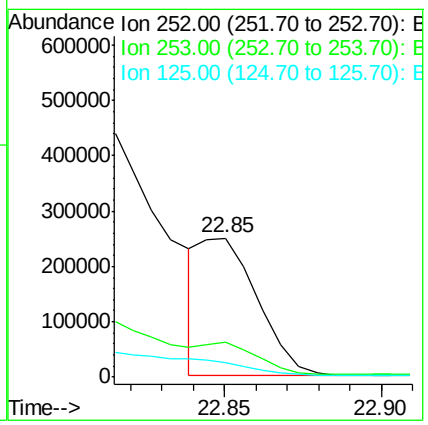
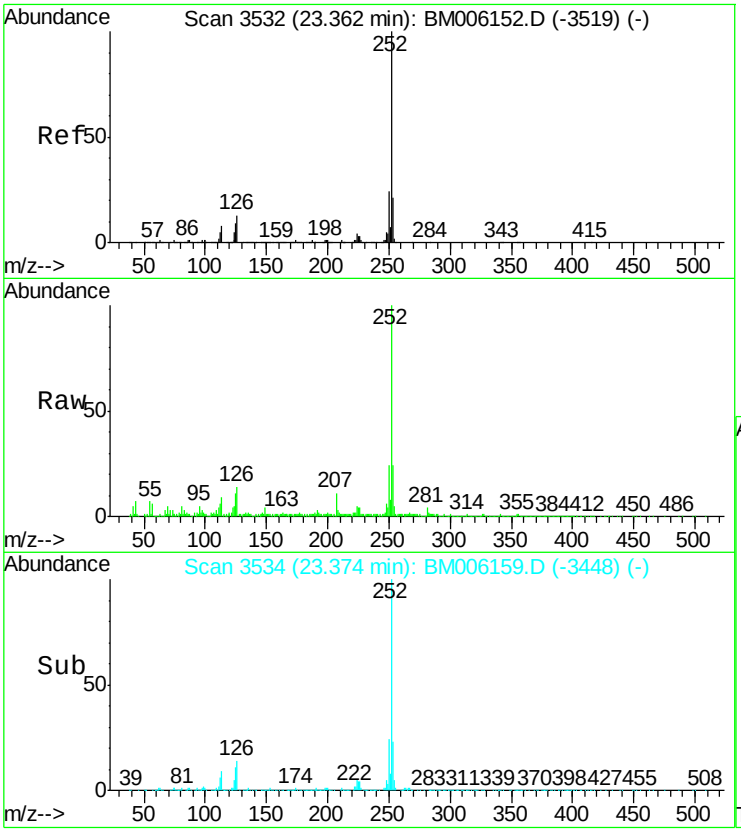


#36
Benzo(k)fluoranthene
Concen: 6.10 ng/ul m
RT: 22.85 min Scan# 3445
Delta R.T. 0.01 min
Lab File: BM006159.D
Acq: 30 Jun 2016 14:22

Tgt Ion:252 Resp: 315118

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.6	26.4
125	10.7	8.1	12.1

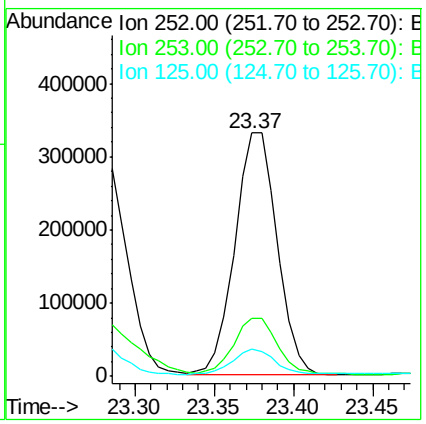




#38
Benzo(a)pyrene
Concen: 11.73 ng/ul
RT: 23.37 min Scan# 3534
Delta R.T. 0.01 min
Lab File: BM006159.D
Acq: 30 Jun 2016 14:22

Tgt Ion:252 Resp: 609847

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	11.4	8.7	13.1



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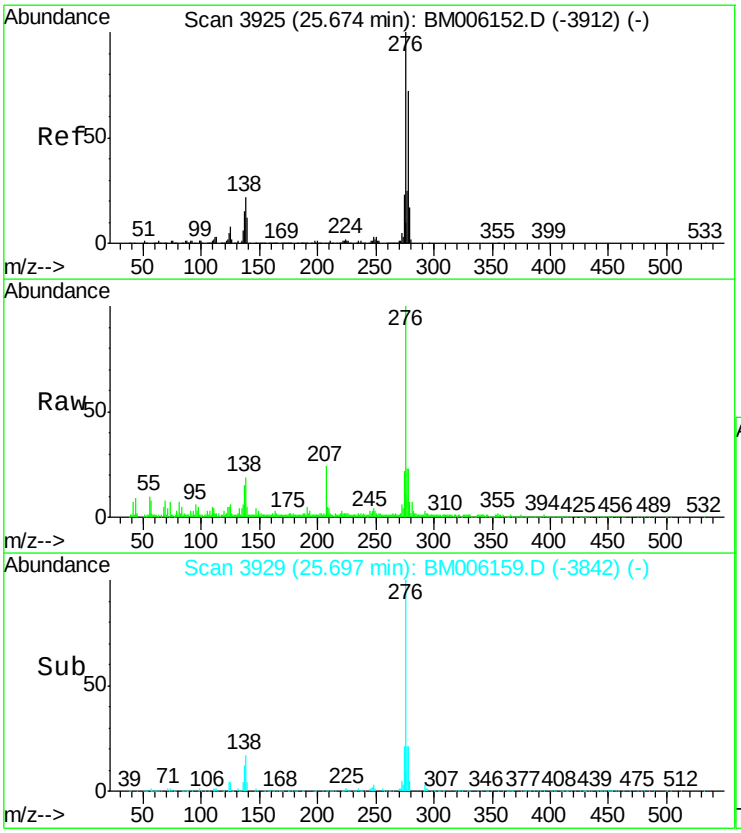
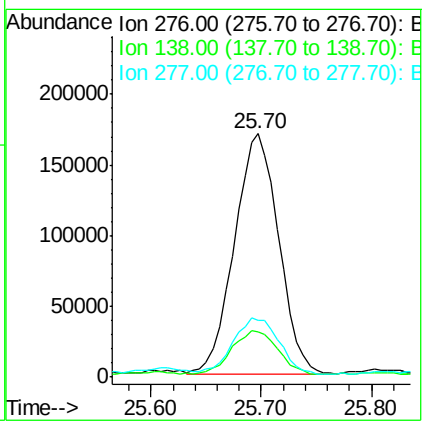
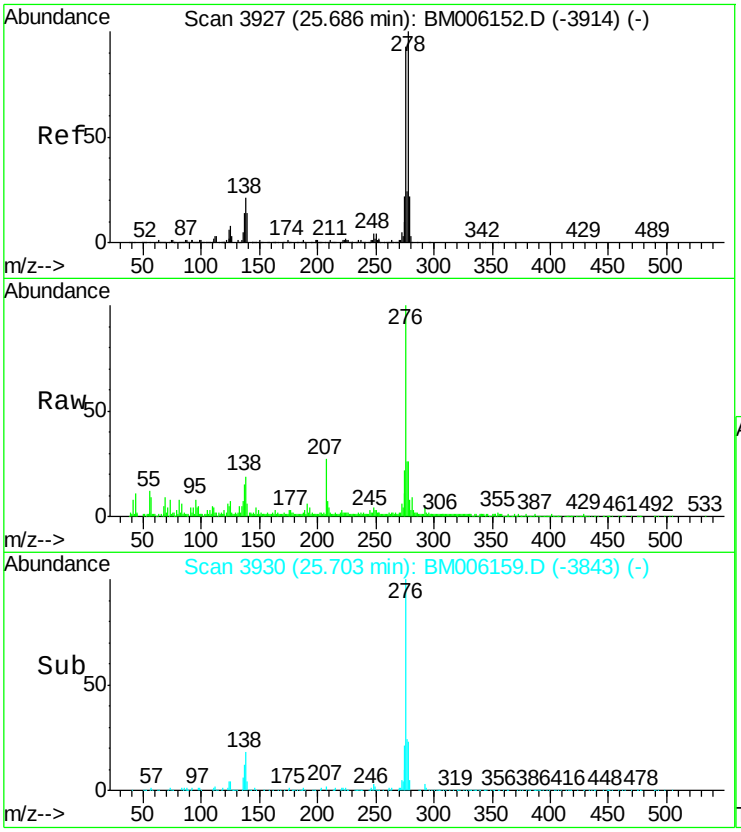


#39
Indeno(1,2,3-cd)pyrene
Concen: 8.84 ng/ul
RT: 25.70 min Scan# 3929
Delta R.T. 0.01 min
Lab File: BM006159.D
Acq: 30 Jun 2016 14:22

Tgt Ion:276 Resp: 478064

Ion	Ratio	Lower	Upper
276	100		
138	18.7	20.4	30.6#
277	23.4	20.6	30.8

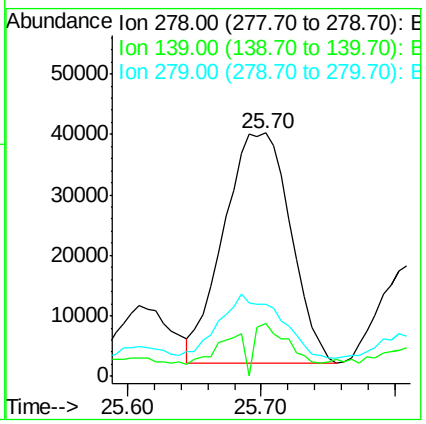




#40
Dibenzo(a,h)anthracene
Concen: 2.95 ng/ul
RT: 25.70 min Scan# 3930
Delta R.T. 0.01 min
Lab File: BM006159.D
Acq: 30 Jun 2016 14:22

Tgt Ion:278 Resp: 131828

Ion	Ratio	Lower	Upper
278	100		
139	21.6	13.0	19.4#
279	29.7	18.8	28.2#



Instrument :
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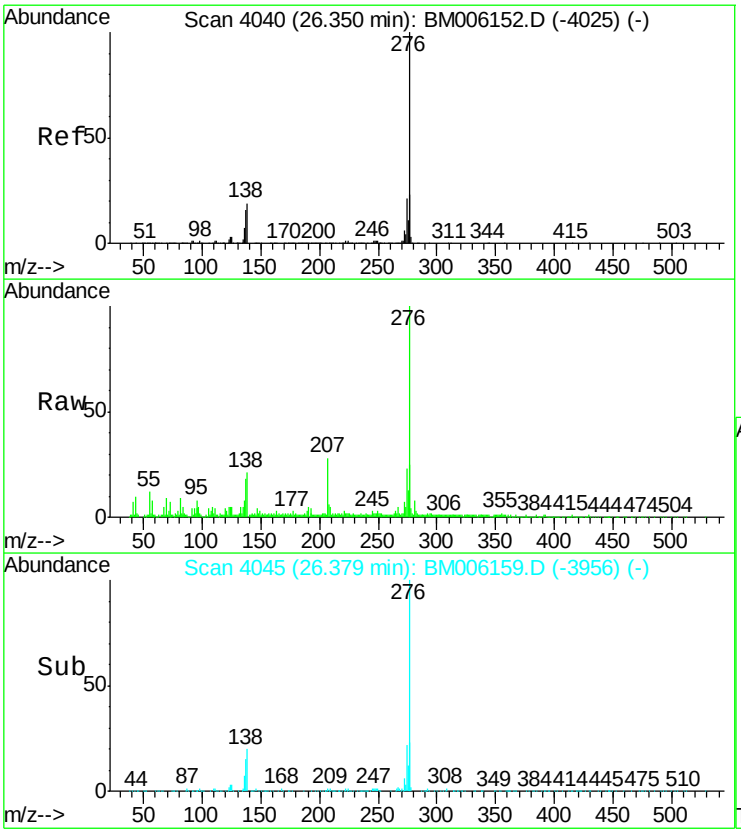

#41
Benzo(g,h,i)perylene
Concen: 10.49 ng/ul
RT: 26.38 min Scan# 4045
Delta R.T. 0.02 min
Lab File: BM006159.D
Acq: 30 Jun 2016 14:22

Tgt Ion:276 Resp: 474909

Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.6	25.0
277	25.0	18.9	28.3